Claims:

What is claimed is:

1.   A method of controlling a computer system, the method including:

        receiving a plurality of input values from a plurality of fluid current sensors; and

        using the input values and gradient values between the input values to control an
        action of the computer system.

2.   A method according to claim 1, wherein the plurality of input values are stored in a data
buffer.

3.   A method according to claim 1, wherein the input values are compared with a predefined
threshold value to determine the control of the computer system.

4.   A method according to claim 1, wherein at least one gradient value is used to determined
whether or not to switch between a Boolean input mode and a functional input mode.

5.   A method according to claim 4, wherein the Boolean input mode includes one or more of
the following computerized functions: single click; double click; right click and held
click.

6.   A method according to claim 4, wherein the functional input mode includes one or more
of the following computerized functions: controlling movement of a pointer or cursor on
a screen of a computer; implementing a scroll function on the screen of the computer and
implementing a zoom function on the screen of the computer.

7.   A method according to claim 1, wherein the input values are received from three fluid
current sensors.

8.   A method according to claim 7, wherein the plurality of input values are received from
the three fluid current sensors, and are resolved into X and Y axes using the following equations:

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- $X = 0.866 \, (C - B)$
- $Y = A - 0.5 \, (B+C)$

9. A method according to claim 7, wherein computerized functions of single click, double click, right click and held click are input by a user transferring fluid current from one of the fluid current sensors to another.

10. A method of controlling a computer system, the method including:

sampling a plurality of fluid current sensors at predetermined intervals to obtain a plurality of input values from the fluid current sensors;

storing data representing the plurality of input values;

transmitting the data to a processor; and

using the plurality of input values and gradients between the plurality of input values to control an action of a computer system.